

DERWENT-ACC-NO: 2002-688326

DERWENT-WEEK: 200274

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TITLE: Gateway system for recognizing image by web camera

INVENTOR: KIM, J C

PATENT-ASSIGNEE: KIM J C[KIMJI]

PRIORITY-DATA: 2000KR-0067306 (November 14, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|--------------|----------|-------|-------------|
| KR 2002037394 A | May 21, 2002 | N/A | 001 | G06F 017/00 |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|---------------|-----------------|----------------|-------------------|
| KR2002037394A | N/A | 2000KR-0067306 | November 14, 2000 |

INT-CL (IPC): G06F017/00

ABSTRACTED-PUB-NO: KR2002037394A

BASIC-ABSTRACT:

NOVELTY - An image recognition gateway system is provided to enable a user to transmit an image of a bar code or a logo, taken by a web camera, to a gateway server over the internet, and to enable the gateway server to extract a code from the transmitted image and to offer a service corresponding to the extracted code.

DETAILED DESCRIPTION - The system comprises steps of a user accessing a gateway server over an HTTP protocol(101), the gateway server transmitting a web camera image transmission program to a user terminal over an FTP protocol(201), the user downloading the web camera image transmission program at the terminal and automatically executing the program(103), the user taking an image of a specific object with a web camera connected to a PC, and the image transmission program transmitting the taken image to the gateway server over the FTP protocol(107), the gateway server processing the transmitted image, i.e. a threshold process in the case that the image is a bar code or a quantization process in the case that the image is a logo(203), the gateway server recognizing the processed image via a recognition algorithm and extracting a code(205, 207), and the gateway server making a query to a link data management database with the extracted code and extracting the link data corresponding to the code(209, 211).

CHOSEN-DRAWING: Dwg.1/10

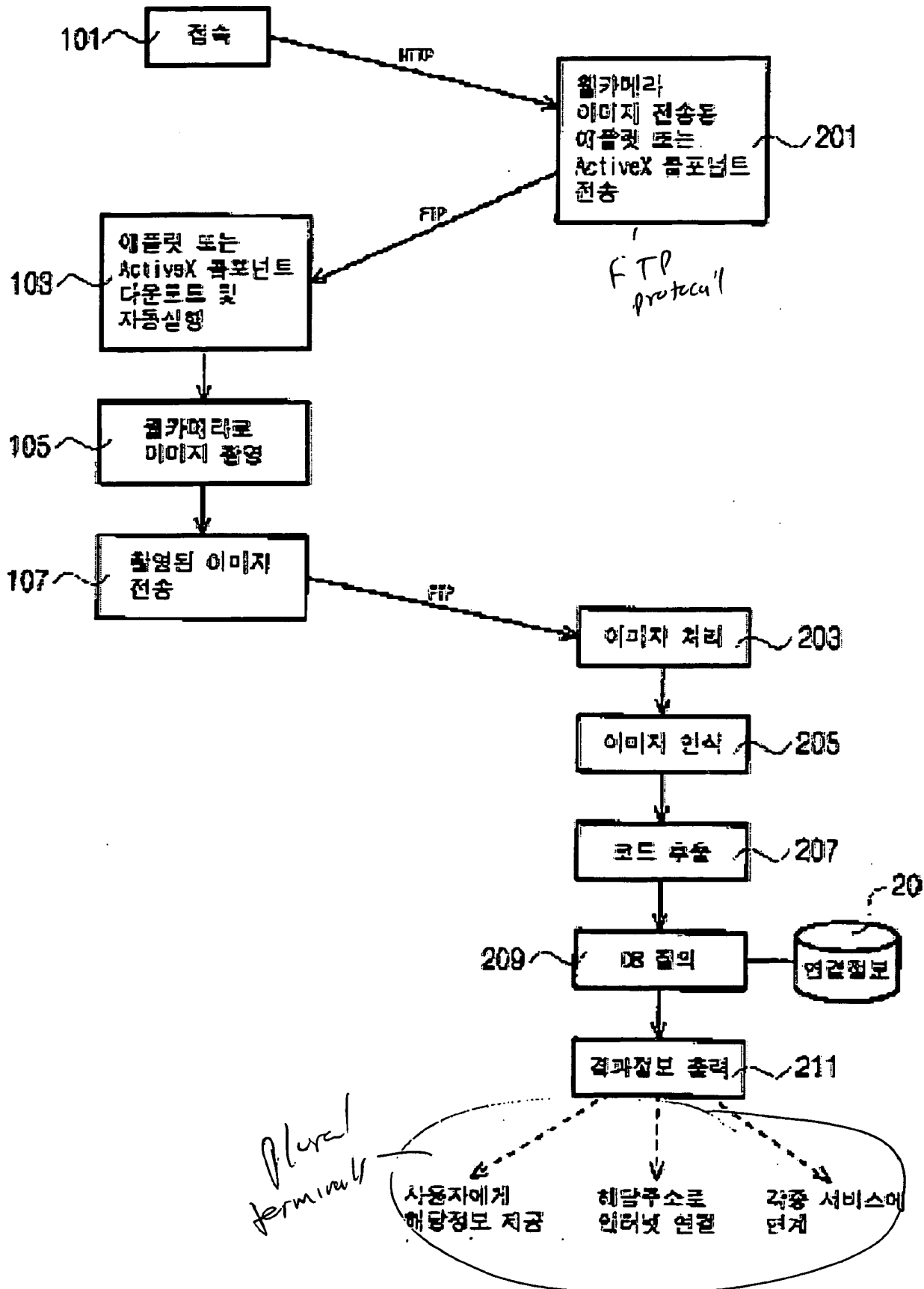
TITLE-TERMS: GATEWAY SYSTEM RECOGNISE IMAGE WEB CAMERA

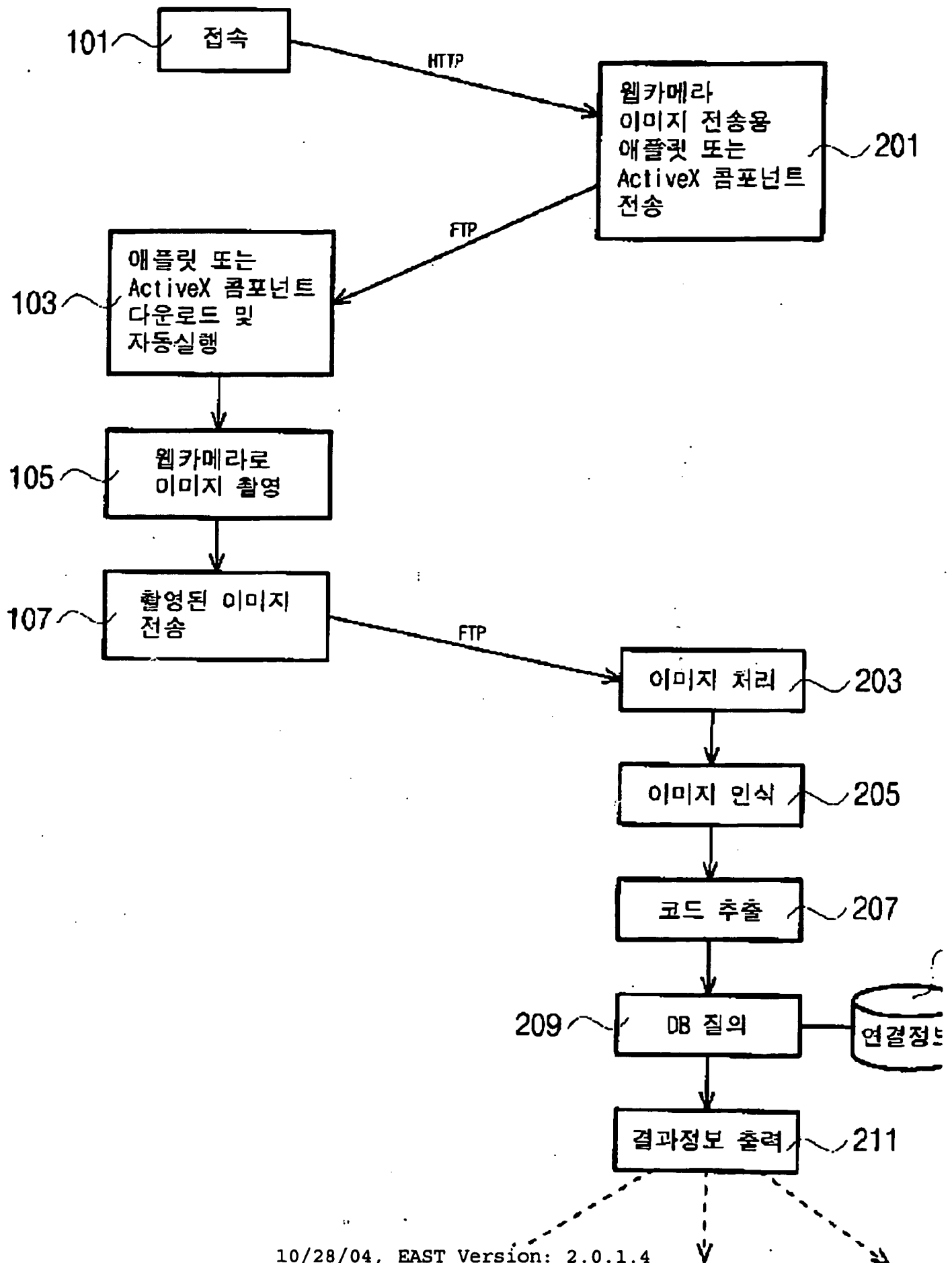
DERWENT-CLASS: T01

EPI-CODES: T01-J;

사용자 PC

게이트웨이 서버





GATEWAY SYSTEM FOR RECOGNIZING IMAGE BY WEB CAMERA

Patent number: KR2002037394
Publication date: 2002-05-21
Inventor: KIM JIN CHEOL (KR)
Applicant: KIM JIN CHEOL (KR)
Classification:
- international: G06F17/00
- european:
Application number: KR20000067306 20001114
Priority number(s): KR20000067306 20001114

Abstract not available for KR2002037394

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May 21, 2004

DERWENT-ACC-NO: 2002-688326

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Basic Abstract Text (2):

DETAILED DESCRIPTION - The system comprises steps of a user accessing a gateway server over an HTTP protocol(101), the gateway server transmitting a web camera image transmission program to a user terminal over an FTP protocol(201), the user downloading the web camera image transmission program at the terminal and automatically executing the program(103), the user taking an image of a specific object with a web camera connected to a PC, and the image transmission program transmitting the taken image to the gateway server over the FTP protocol(107), the gateway server processing the transmitted image, i.e. a threshold process in the case that the image is a bar code or a quantization process in the case that the image is a logo(203), the gateway server recognizing the processed image via a recognition algorithm and extracting a code(205, 207), and the gateway server making a query to a link data management database with the extracted code and extracting the link data corresponding to the code(209, 211).

PF Application Date (1):

20001114

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